

National Weather Service Weekly Fire Weather Webinar

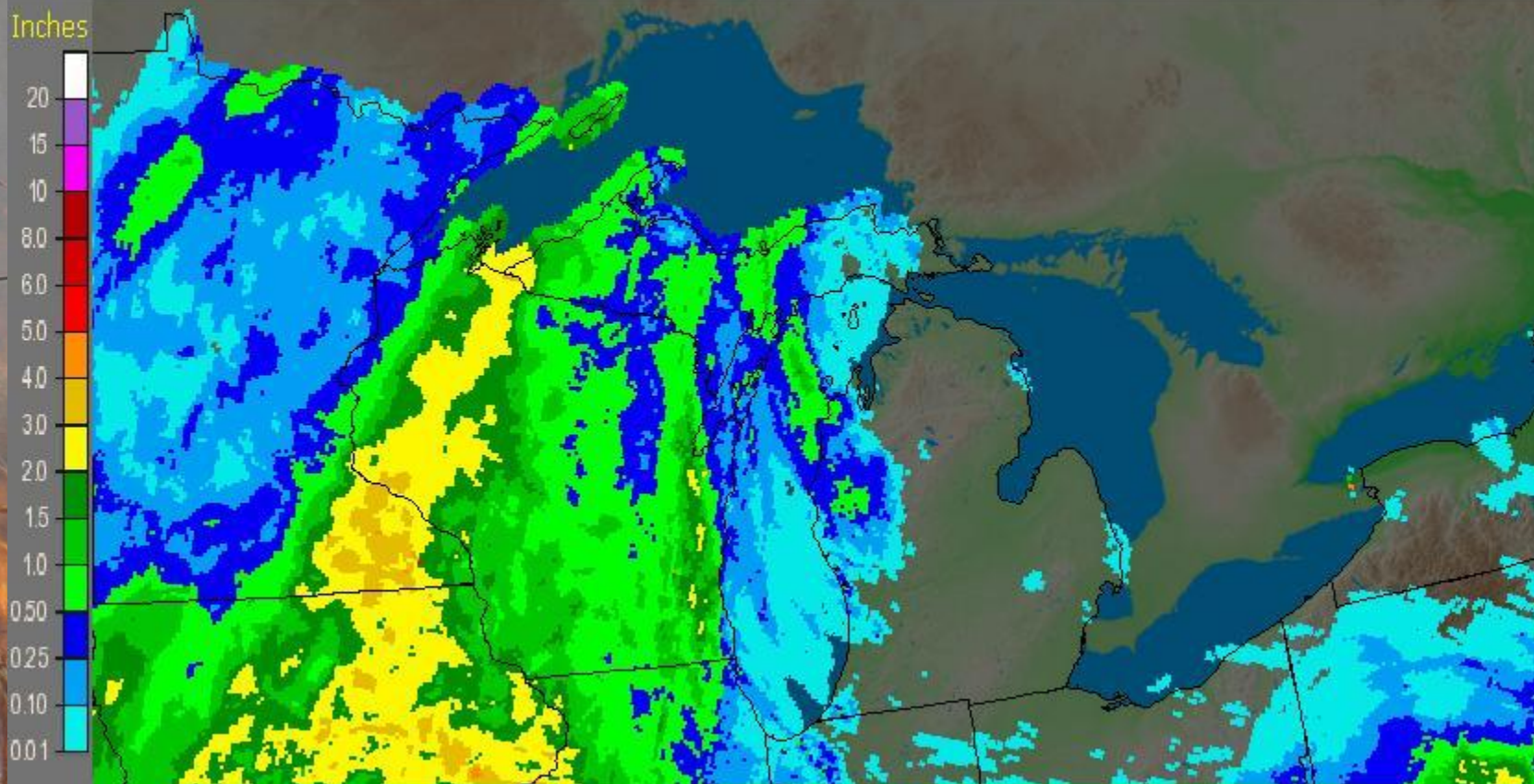
Presenter: Dave Lawrence
May 9th, 2013

Conference call:
Phone: 1-866-231-8384
Passcode: 4482608820#



Precipitation Past 7 Days

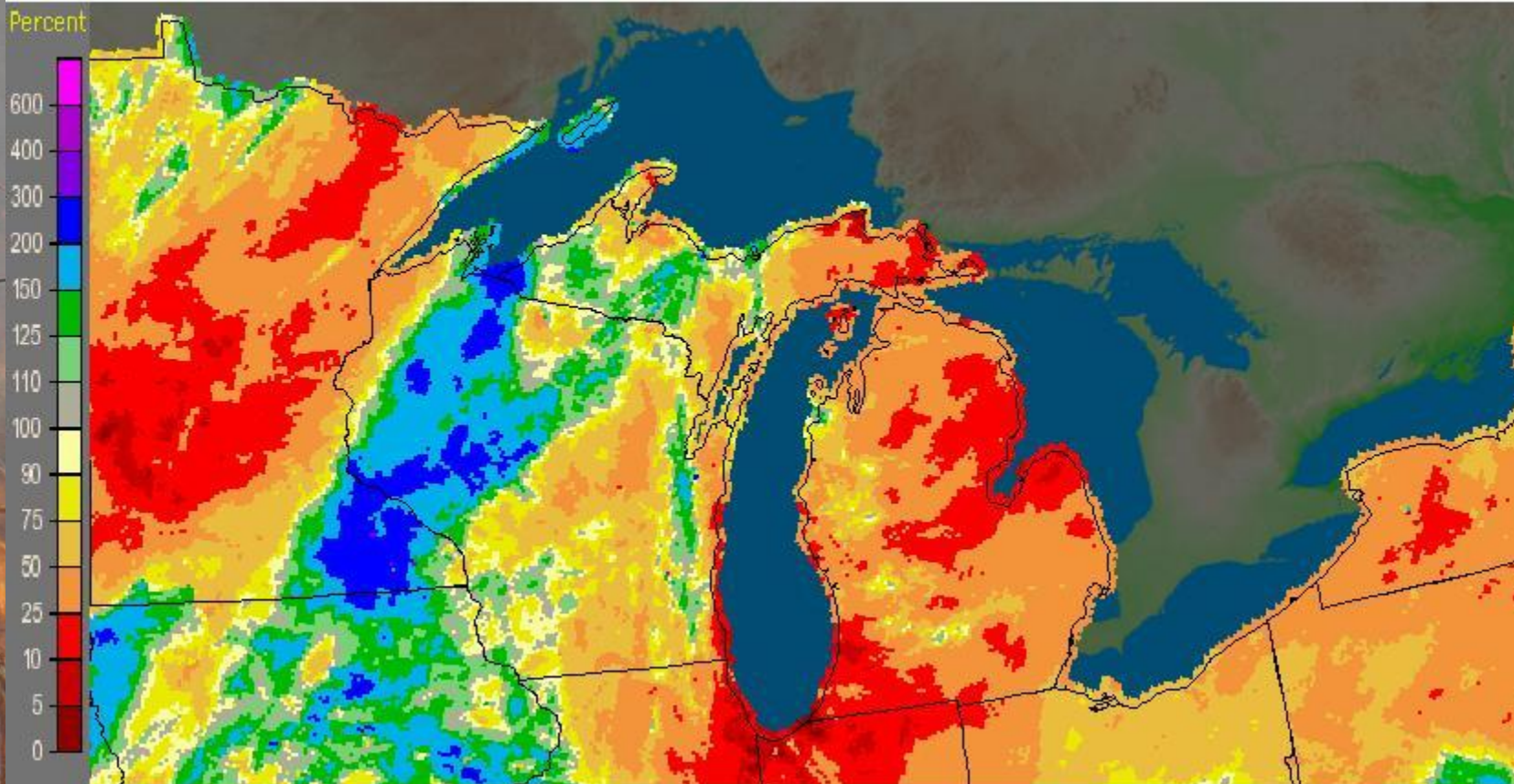
Michigan: Current 7-Day Observed Precipitation
Valid at 5/8/2013 1200 UTC- Created 5/8/13 22:35 UTC



Maps of observed precipitation available at <http://water.weather.gov>

14-Day Percent of Normal Precipitation

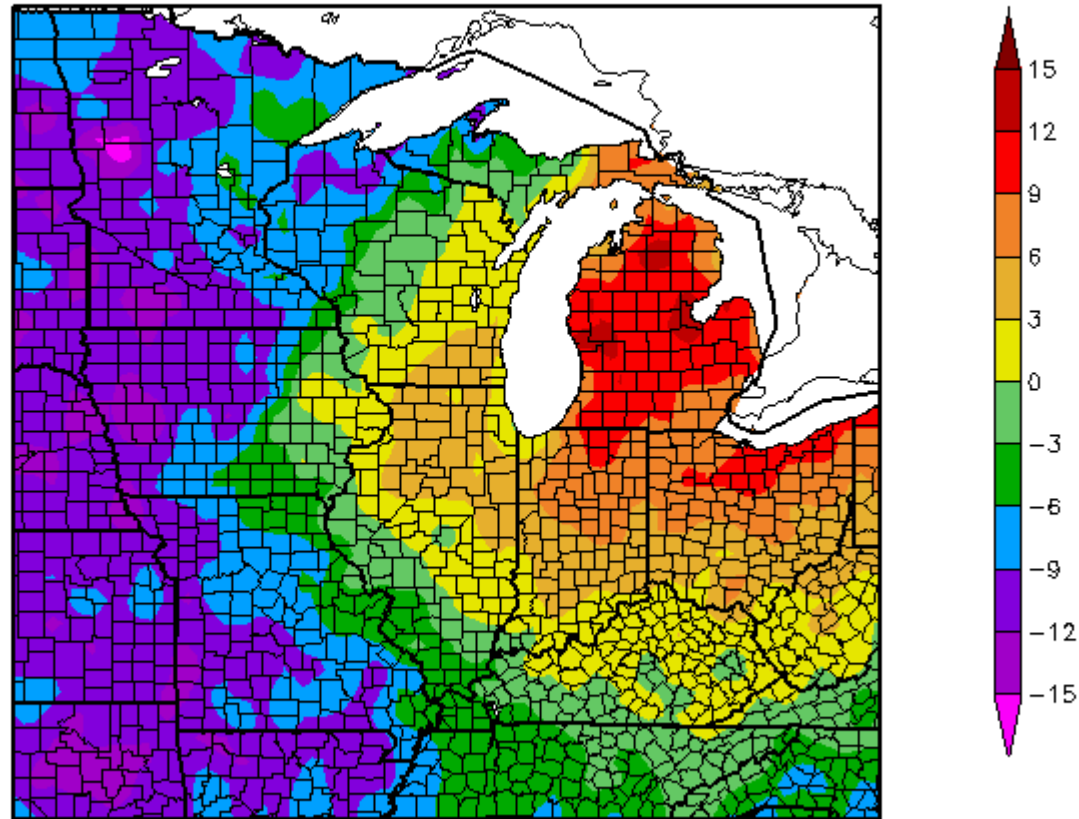
Michigan: Current 14-Day Percent of Normal Precipitation
Valid at 5/8/2013 1200 UTC- Created 5/8/13 22:58 UTC



Maps of observed precipitation available at <http://water.weather.gov>

7-Day Temperature Anomalies

Departure from Normal Temperature (F)
5/1/2013 – 5/7/2013



Generated 5/8/2013 at HPRCC using provisional data.

Regional Climate Centers

Maps available at <http://www.hprcc.unl.edu/maps>

Drought Monitor

U.S. Drought Monitor

Midwest

April 30, 2013

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	74.12	25.88	14.05	3.28	0.04	0.00
Last Week (04/23/2013 map)	72.46	27.54	14.93	3.49	0.04	0.00
3 Months Ago (01/29/2013 map)	32.80	67.20	51.43	29.83	7.89	0.14
Start of Calendar Year (01/01/2013 map)	28.14	71.86	54.93	30.11	7.88	0.14
Start of Water Year (09/25/2012 map)	8.75	91.25	67.48	41.58	14.88	0.28
One Year Ago (04/24/2012 map)	58.78	41.22	16.08	5.98	0.00	0.00

Intensity:

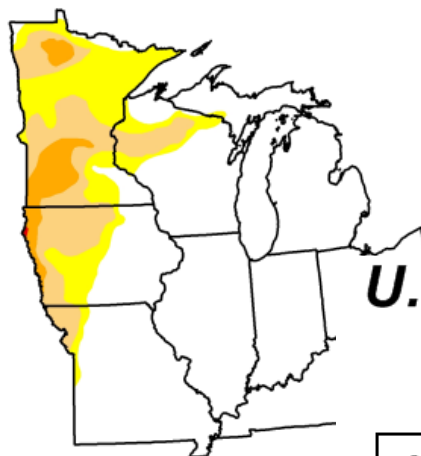
- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



Released Thurs:
Eric Luebehusen, U.S. Department



U.S. Drought Monitor

Michigan

April 30, 2013

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	99.34	0.66	0.00	0.00	0.00	0.00
Last Week (04/23/2013 map)	99.34	0.66	0.00	0.00	0.00	0.00
3 Months Ago (01/29/2013 map)	60.11	39.89	2.43	0.00	0.00	0.00
Start of Calendar Year (01/01/2013 map)	60.32	39.68	3.42	0.00	0.00	0.00
Start of Water Year (09/25/2012 map)	23.46	76.54	7.70	0.00	0.00	0.00
One Year Ago (04/24/2012 map)	77.58	22.42	2.80	0.00	0.00	0.00

Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



Released Thursday, May 2, 2013
Eric Luebehusen, U.S. Department of Agriculture

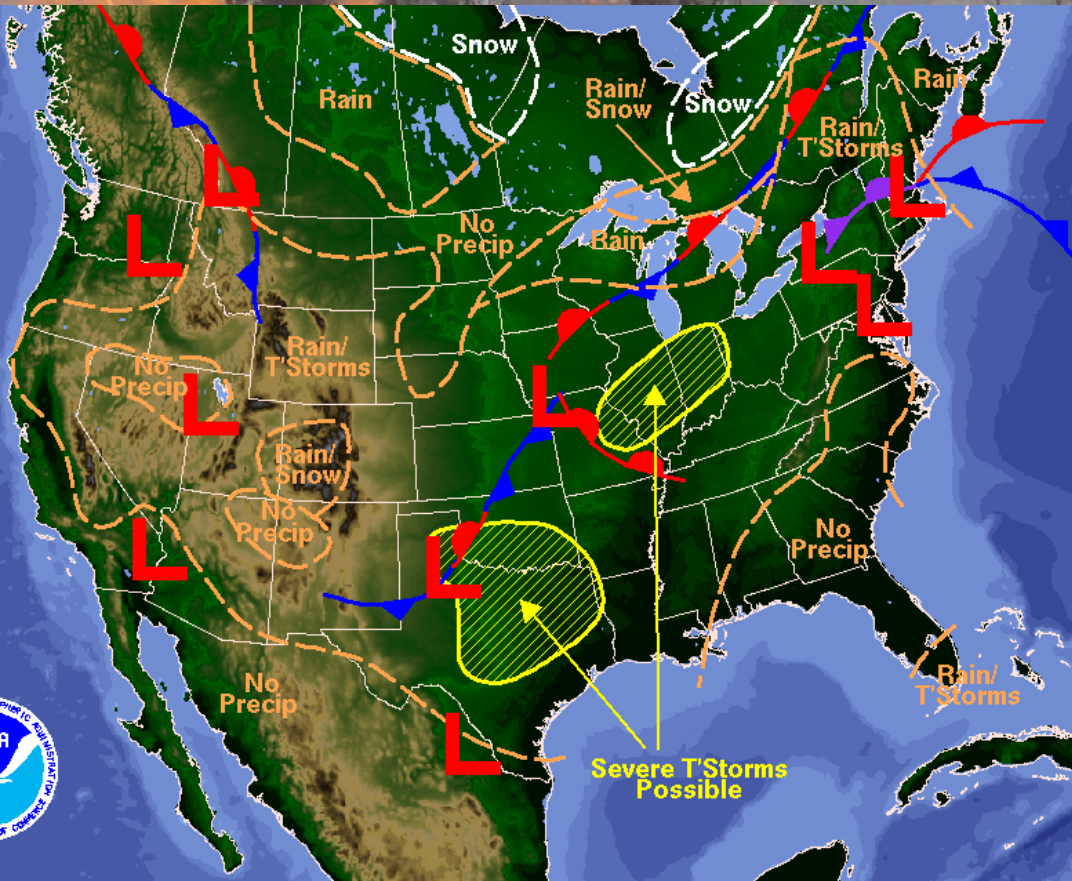


Drought Monitor maps available at <http://droughtmonitor.unl.edu/>

Forecast for Today

Daily Highlights

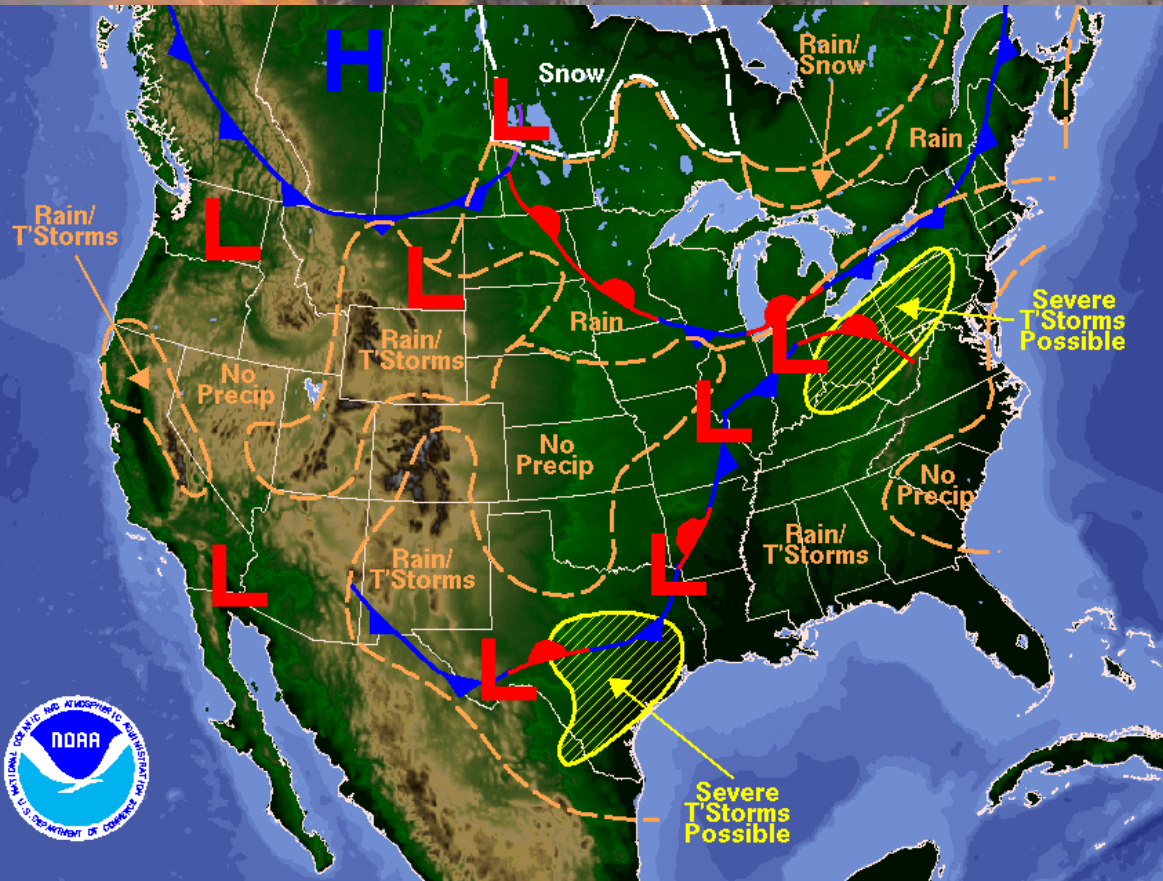
- The most “active” fire day of the next 7
- A good deal of sunshine and warm temperatures
- RH values falling into the 25-35% range
- Light winds preclude Red Flag conditions
- Maybe a few late day showers or storms



Weather Forecast for Thu, May 09, 2013, issued 3:23 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

Maps can be found at: www.hpc.ncep.noaa.gov

Forecast for Friday



Daily Highlights

- A round of showers expected across the majority of the Lower Peninsula
- Heaviest rain expected for Central and Southern Lower Michigan
- Rainfall amounts of $\frac{1}{2}$ " to $1\frac{1}{2}$ " possible

Weather Forecast for Fri, May 10, 2013, issued 4:28 AM EDT Thu, May 09, 2013
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

Forecast for Saturday

Daily Highlights

- A transition day for the area
- Cold front arrives with a brief round of showers for many areas
- Only light rainfall amounts expected (mainly less than $\frac{1}{10}$ ")



Weather Forecast for Sat, May 11, 2013, issued 4:55 AM EDT Thu, May 09, 2013
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



Forecast for Sunday



Daily Highlights

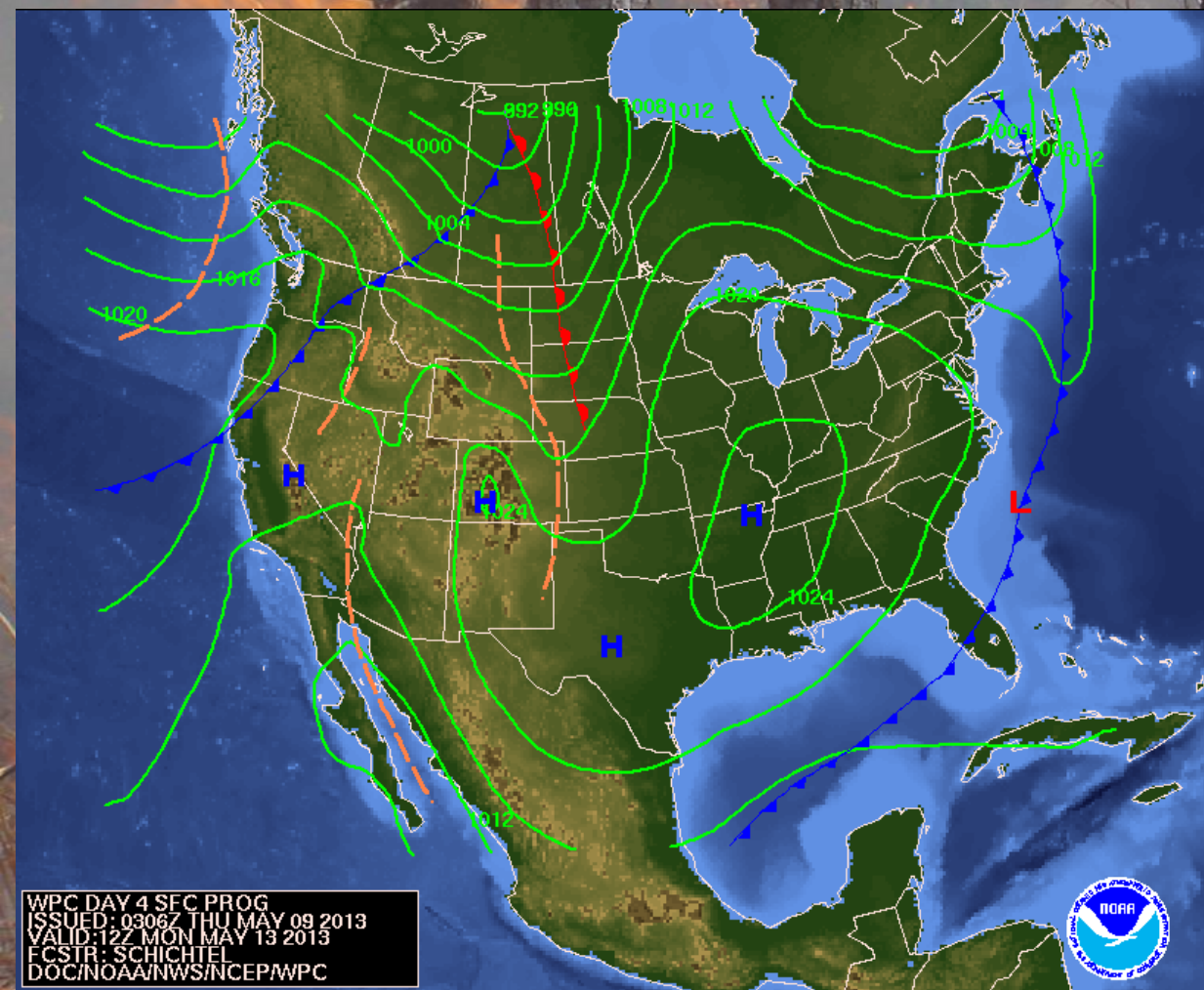
- Tremendously colder (yuck!)
- A round of rain and even snow showers expected, especially for the daylight hours
- Highs only in the 30s/40s north to low 50s south

Maps can be found at: www.hpc.ncep.noaa.gov

Forecast for Monday

Daily Highlights

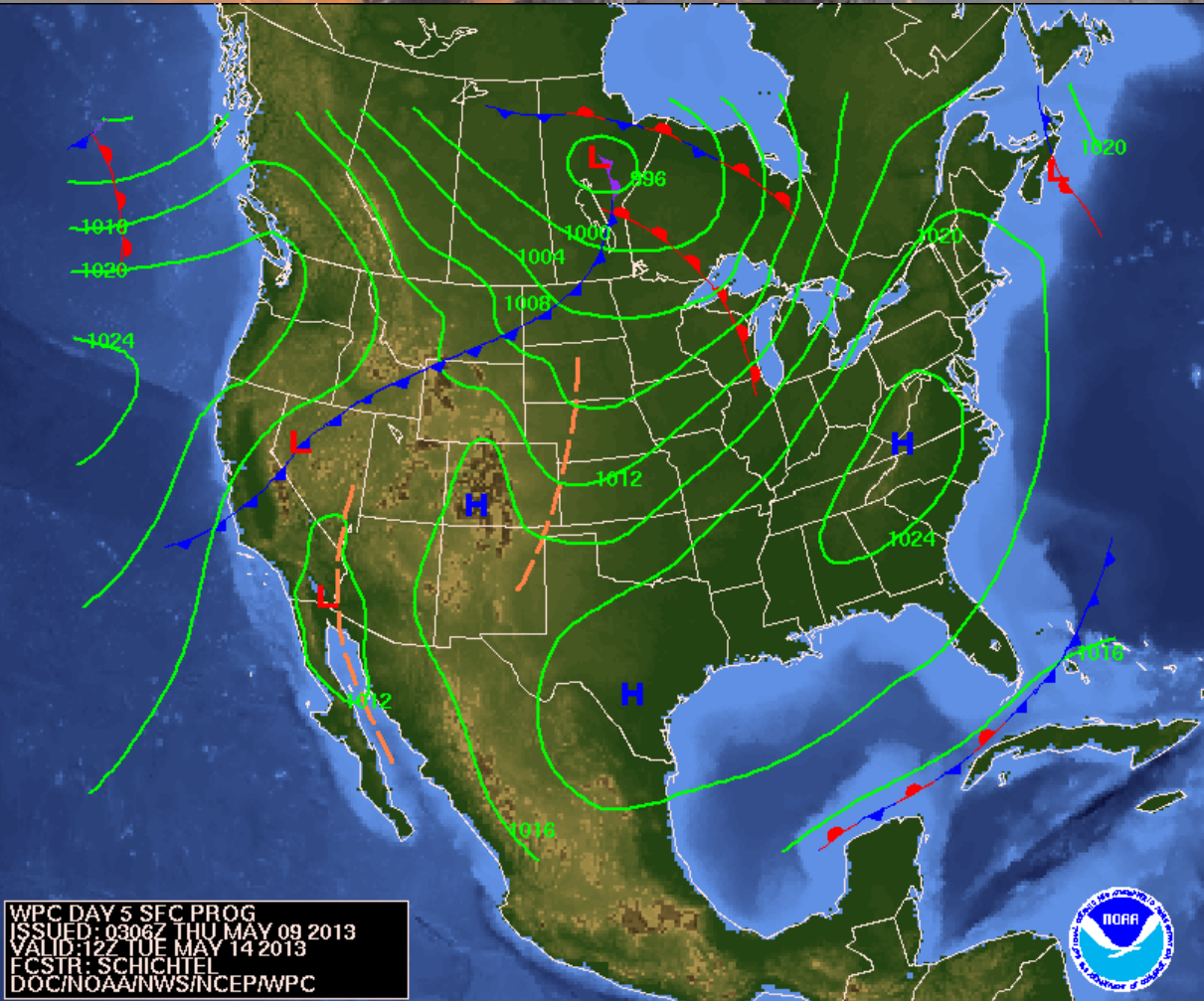
- Still cool with light winds
- No fire weather concerns



Forecast for Tuesday

Daily Highlights

- Maybe a few showers through the day
- No big fire weather concerns

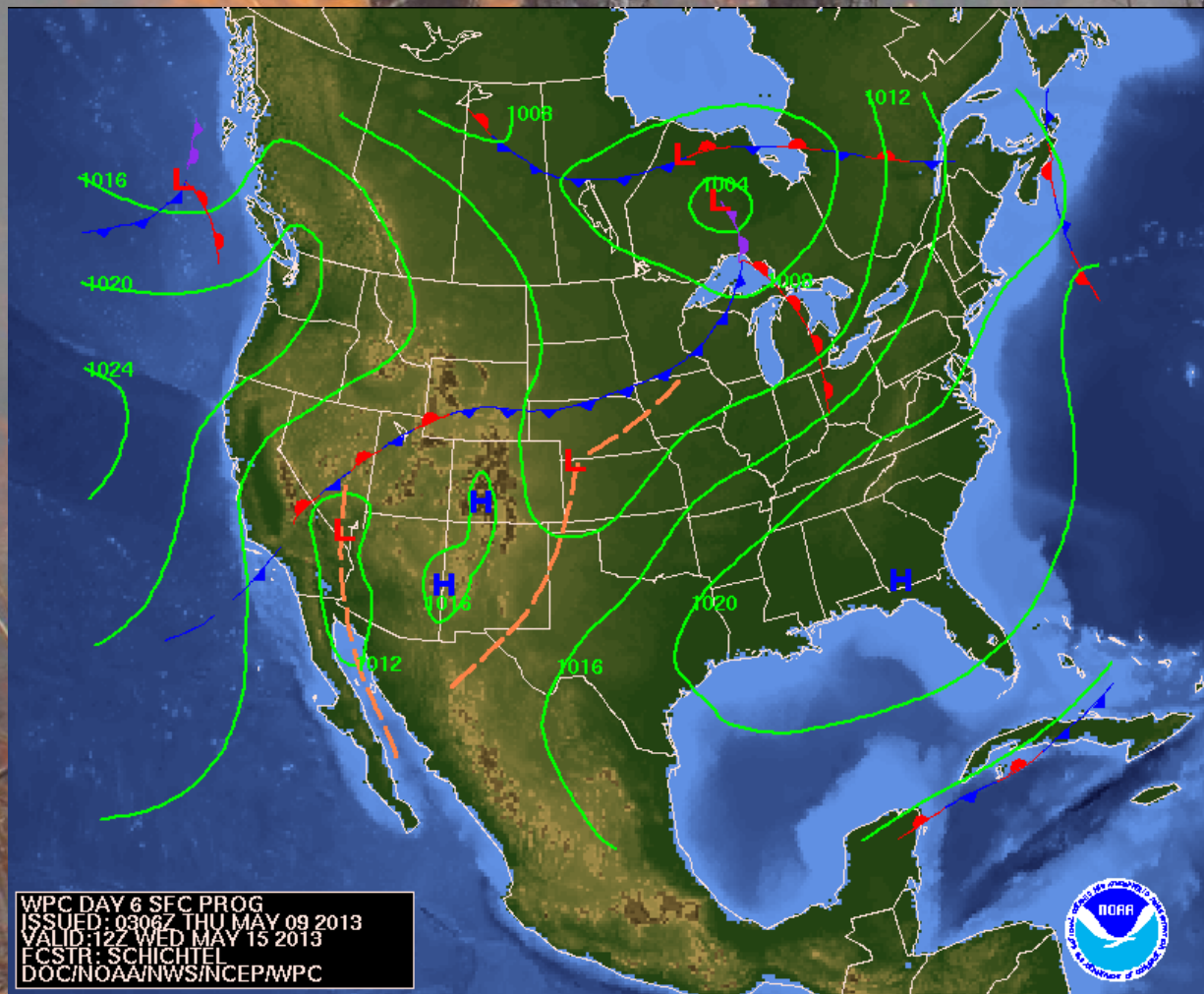


Maps can be found at: www.hpc.ncep.noaa.gov

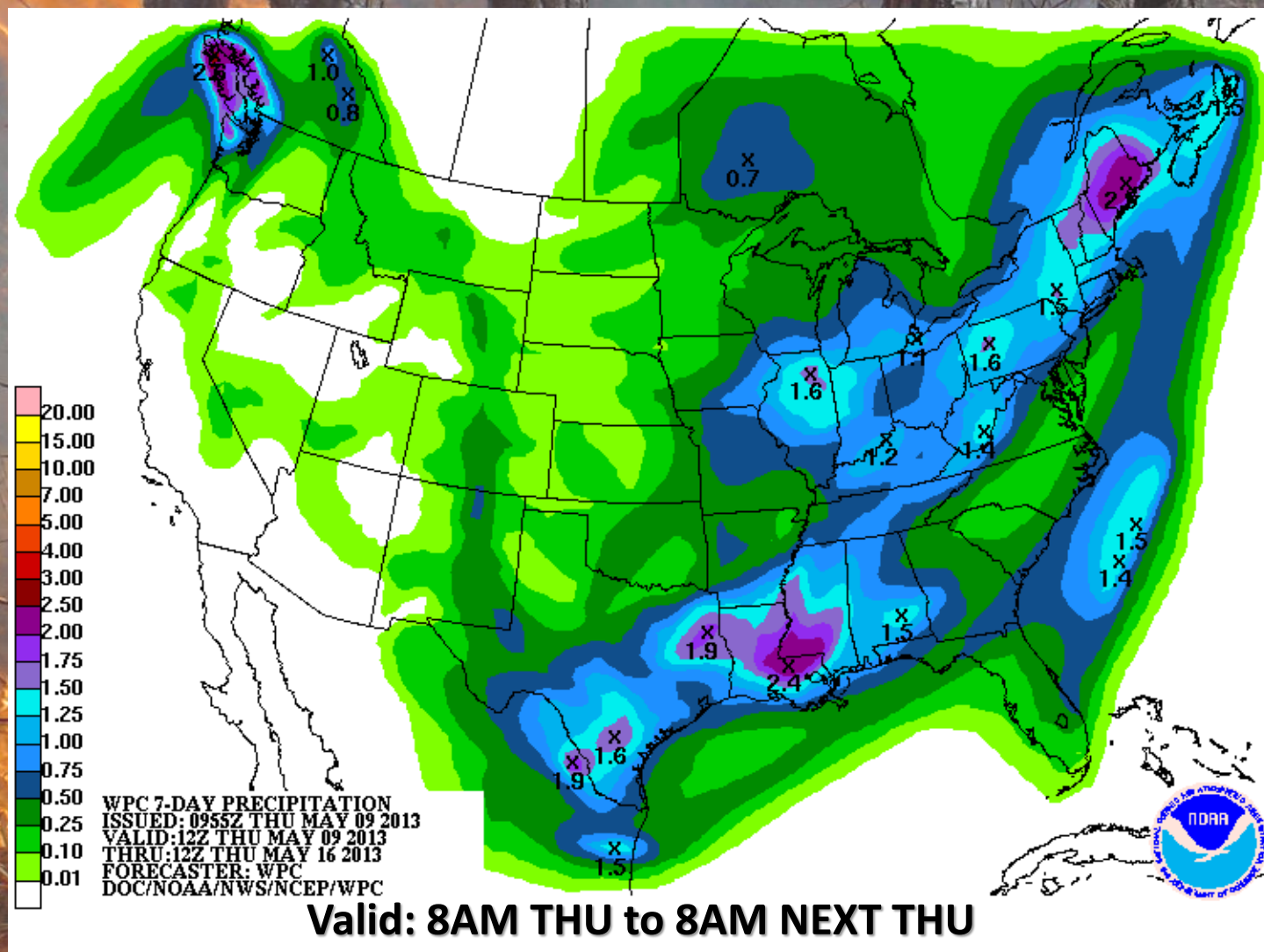
Forecast for Wednesday

Daily Highlights

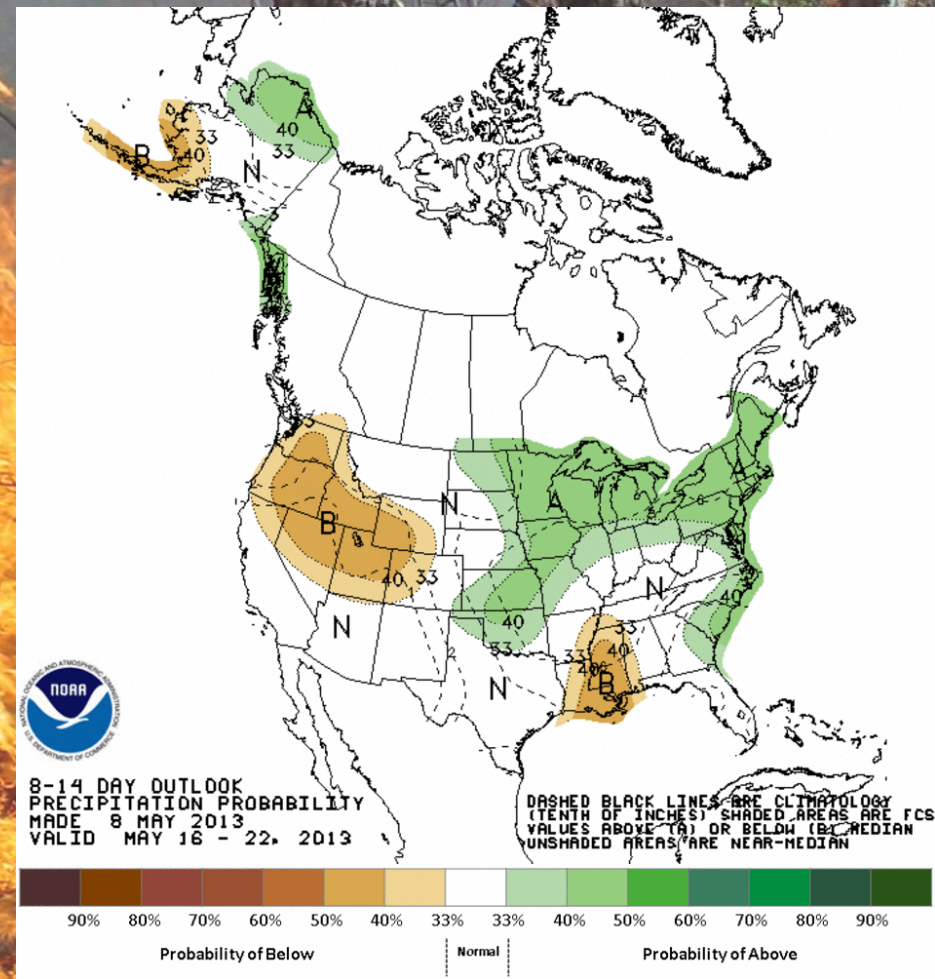
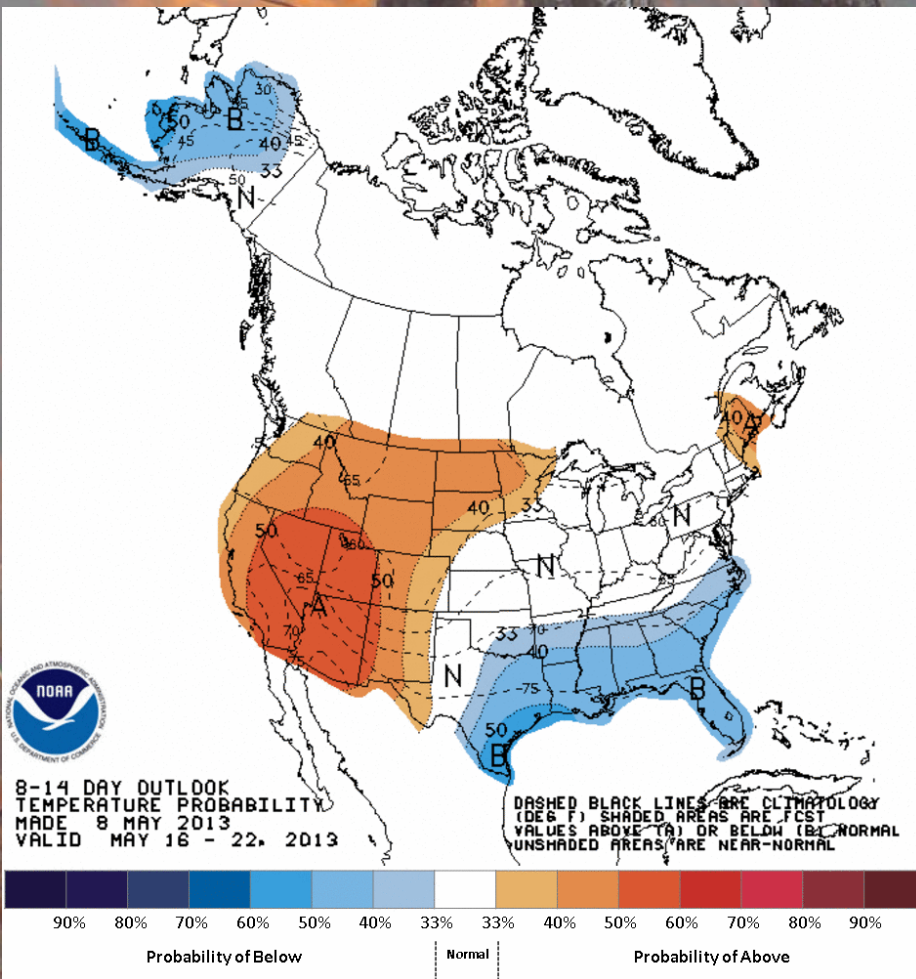
- Warming back up with possible fire weather concerns.
- However, at this point, it appears better moisture will also be moving into the region, helping hold RH values up above critical levels



7-Day Precipitation Forecast



8-14 Day Outlook



Maps can be found at: www.hpc.ncep.noaa.gov

Summary

What	Where	Timing	Impacts
Elevated Fire Danger	All of Lower Michigan	Today (Thursday, May 9 th)	Low RH 25-35% Highs well into the 70s
Widespread Needed Rainfall	Much of the Lower Peninsula. <i>Heaviest rain is expected south of M-55</i>	Thursday night and Friday	Needed rain to help alleviate developing short-term deficits
Big Cool Down	All of Lower Michigan	Sunday and Monday	A reprieve from the extended stretch of fire weather days